

THE PREST-O-LITE CO., INC.

Manufacturers of Dissolved Acetylene

MAIN OFFICE AND FACTORY
INDIANAPOLIS, IND.

CANADIAN GENERAL OFFICE AND FACTORY, TORONTO, ONT.

DIRECT FACTORY BRANCHES

ATLANTA	CINCINNATI	DES MOINES	KANSAS CITY	MINNEAPOLIS	PITTSBURGH
BALTIMORE	CLEVELAND	DETROIT	LOS ANGELES	MONTREAL, QUE.	ST. LOUIS
BOSTON	DALLAS	INDIAN ORCHARD	MEMPHIS	NEW YORK	ST. PAUL
BUFFALO	DAVENPORT	INDIANAPOLIS	MERRITTON, ONT.	OMAHA	SAN ANTONIO
CHICAGO	DENVER	JACKSONVILLE	MILWAUKEE	PHILADELPHIA	SAN FRANCISCO
	SEATTLE	SYRACUSE	TORONTO, ONT.	WINNIPEG, MAN.	

CHARGING PLANTS

ATLANTA	DES MOINES	LOS ANGELES	RICHMOND, VA.	ST. LOUIS
BOSTON	DETROIT	MERRITTON, ONT.	SAND SPRINGS	SPEEDWAY, IND.
BUFFALO	DULUTH, MINN.	MILWAUKEE	(near Tulsa, Okla.)	(mail to Indianapolis)
CINCINNATI	ELKTON, MD.	NORTH KANSAS CITY,	SEATTLE	WAVERLY, N. J.
CLEVELAND	GLANFORD, P.A.	MO. (mail to Kansas City)	ST. LOUIS PARK,	(mail to New York,
DALLAS	(mail to Pittsburgh)	OAK STREET, MASS.	MINN.	N. Y.)
DAVENPORT,	HAMMOND, IND.	(mail to Indian Orchard)	SOUTH SAN FRAN-	ST. BONIFACE, MAN.
IOWA	LONG ISLAND CITY	OMAHA	CISCO	

Products.

PREST-O-LITE DISSOLVED ACETYLENE for lighting, oxy-acetylene welding and cutting, and all commercial purposes.

APPARATUS and SUPPLIES for welding, cutting, brazing, heating and lighting.

DEEP DRAWN SEAMLESS STEEL SHEETS and CYLINDERS. PRESSED, SPUN and DRAWN STEEL SHAPES.

PREST-O-LITE ELECTRIC STORAGE BATTERIES for every make and model of pleasure car or commercial truck.

Prest-O-Lite Acetylene Service.

As the world's largest makers of dissolved acetylene, with a network of factory branches, charging plants and service stations literally covering the country, THE PREST-O-LITE CO., INC. insures prompt, universal, perpetual acetylene service for all purposes and in any quantity.

Prest-O-Lite acetylene cylinders are supplied in various sizes shown in table. Each cylinder is fitted with valves and safety plugs and pneumatically tested. Full compliance is made with all regulations of Interstate Commerce Commission, Bureau of Explosives, etc.

SIZES, CAPACITIES AND WEIGHTS OF PREST-O-LITE CYLINDERS

Prest-O-Lite style	Length, ins.	Diameter, ins.	Capacity, cu. ft.	Average weight, lbs.
MC	13 ¹ / ₂	4	10	8 9
E	16	6	30	26 8
B	20	6	40	32 4
A	22	7 ¹ / ₄	70	44 5
WC	33	8	100	85.
WK	38	12	300	220.

Styles WC and WK, for welding and cutting, are furnished, under special agreement, direct to user through factory branches and service stations. Styles MC, A, B and E may be obtained at Prest-O-Lite exchange agencies, which are located in practically every city, town and village.

Advantages of Prest-O-Lite Acetylene.

Prest-O-Lite acetylene service furnishes the purest form of dissolved acetylene (ready-made carbide gas) in portable cylinders of convenient size—used as conveniently as cylinders of oxygen. Saves large initial outlay and depreciation. When acetylene is needed there is no delay in generating gas; simply turn on the Prest-O-Lite at the cylinder valve and use it.

ABSOLUTE SAFETY—A Prest-O-Lite will go

through a fire without exploding, because safety plugs in both ends of cylinder will melt, allowing the gas to escape and burn harmlessly at the opening. In winter there is nothing to freeze.

Some of the Many Uses for Prest-O-Lite Gas.

LIGHTING SYSTEMS—For automobiles, motorcycles, motor boats and yachts, trucks, buggies, fire apparatus, tractors, aeroplanes, searchlights, camps, tent meetings, isolated railway stations, country homes, churches, schools, railroad locomotives, railroad signals, buoys, beacons, lightships, contractor's work, etc. Use either style A, B, E or MC Prest-O-Lite gas tanks.

FLARE LIGHTING—For fire departments, construction work, dredges, railroad wrecks, ice harvesting, lawn parties, military encampments, etc. Use styles WC and WK Prest-O-Lite cylinders.

WELDING AND CUTTING—For manufacturing metal products of all kinds; for constructing high pressure gas, oil, steam and water pipe lines; for iron and steel constructive and destructive work; for repairing and reclaiming broken or worn metal parts, castings, tools, etc. Use styles WC and WK Prest-O-Lite cylinders.

HEATING PURPOSES—For soldering, brazing, lead burning, paint burning, Bunsen burners, dental work, jewelers, laboratory work, branding irons, and hundreds of others.

Oxy-Acetylene Welding and Cutting.

This process is the one distinctly successful method of fusion welding. The oxy-acetylene flame quickly unites two pieces of metal, making them one homogeneous piece. Oxy-acetylene welding largely eliminates the use of rivets, bolts and threaded joints in the construction of thousands of metal products; corrects mistakes in design; remedies defects in castings, and reclaims damaged or worn equipment.

With a special blowpipe, oxy-acetylene cutting can be done along any line—circle, curve, bevel or other line—and leave a sharp, clean cut.

The Prest-O-Lite process of oxy-acetylene welding and cutting is used by thousands of factories, foundries, railroads, mines, iron and steel mills, sheet metal works, repair shops, garages, etc., effecting large savings in time, labor and material.

Expert advice by the Prest-O-Lite engineering department on any oxy-acetylene welding or cutting problem is always a part of Prest-O-Lite service. Valuable suggestions, such as improved methods of handling dif-

ferent welding or cutting operations, are offered to customers. At important centers staffs of skilled men are maintained. These experts are at the disposal of users of Prest-O-Lite acetylene, and are ready at all times to give practical advice and assistance on welding or cutting problems.

Prest-O-Lite Welding Apparatus.

This high grade, portable welding equipment provides the necessary apparatus for handling the widest range of light or heavy welding in manufacturing construction and repair work. Uses Prest-O-Lite dissolved acetylene, in styles WC and WK cylinders; and compressed oxygen, in cylinders.

Welding apparatus consists of an equal pressure blowpipe using 7 interchangeable welding tips for different classes of work, automatic regulators and gages for acetylene and oxygen cylinders and the necessary sundries. Price, \$75.00 (Canada, \$100.00).

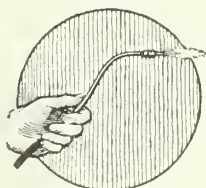
Light steel truck for carrying acetylene and oxygen cylinders, also special apparatus for metal cutting, furnished at extra cost.



WELDING OUTFIT
ON PORTABLE
TRUCK

Acetylene Blow Torches, Styles A and C.

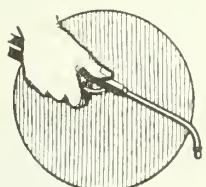
For all kinds of soldering, brazing and heating, Prest-O-Lite blow torches will do quicker, better and more economical work than ordinary gasoline blow torches. No gas to generate; simply turn on and off as needed. Prest-O-Torch, style A, brazes up to $\frac{3}{8}$ -in. steel rods. Price, \$1.25 (Canada, \$1.35). Prest-O-Torch, style C, brazes up to 2-in. solid steel bars; handles the heaviest soldering jobs with ease. Also used for bending steel rods and reducing, annealing and tempering metals. Price, \$2.75 (Canada, \$2.85). Used with style A, B or E Prest-O-Lite gas tanks.



PREST-O-TORCH,
STYLE A

Prest-O-Torch, Style D.

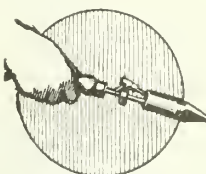
A combination acetylene and compressed air blow torch—provides intense, concentrated heat in two distinct kinds of flame: a non-carbonizing brush flame suitable for dentist and jeweler's work, soldering crowns, bridgework, etc.; or a needle flame, ideal for infusion of gold, casting work, etc. Prest-O-Torch, style D. Price, \$6.25 (Canada, \$6.35). Special style D Prest-O-Torch, with air trigger for quick changes from brush to needle flame. Price, \$10.00 (Canada, \$10.50).



PREST-O-TORCH,
STYLE D

Prest-O-Soldering Iron.

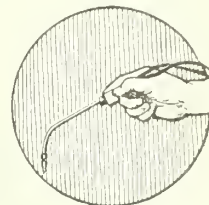
A soldering iron heated by Prest-O-Lite gas. The flame burns inside the copper head, maintaining an even temperature. It is easily lighted, saves the trouble and inconvenience of the clumsy gasoline blow torch or charcoal brazier. It is convenient, efficient and economical for all kinds of soldering, "repeat" work or the occasional small job. Price, \$6.00 (Canada, \$7.00).



PREST-O-SOLDER-
ING IRON

Lead Burning Outfit, Type L.

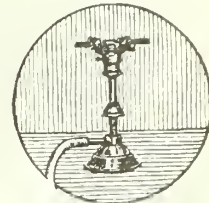
Oxy-acetylene lead burning is efficient and economical. Widely used in manufacture and repair of storage batteries; in making lead lined vats, tanks, etc.; for making joints on lead or block tin pipes, etc. Operates on two gases universally obtainable, Prest-O-Lite acetylene and compressed oxygen. Provides a gentle needle flame, ideal for lead burning; does fast, clean work. Outfit includes automatic pressure regulators for acetylene and oxygen cylinders, two 6-ft. lengths of hose and necessary sundries. Price, \$30.00 (Canada, \$35.00).



LEAD BURNING
OUTFIT

Acetylene Bunsen Burners.

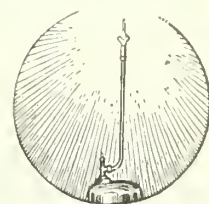
The high flame temperature of Prest-O-Lite makes it quick, convenient and by no means an expensive fuel for use in Bunsen burners in laboratory work. It gives an intense, concentrated heat that is easily controlled. Superior to any other gas or liquid fuel, such as gasoline or alcohol. Bunsen burner only, \$2.00 (Canada, \$2.50); with vessel holder attachment, \$2.35 (Canada, \$2.85).



BUNSEN BURNER

Prest-O-Lite Stem-and-Burner.

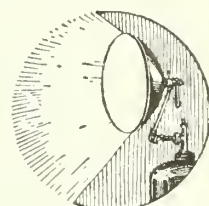
Attach to a Prest-O-Lite cylinder; turn on the gas and light. There is available instantly a handy, portable light, which may be used for hundreds of indoor or outdoor lighting purposes. Economical to operate. Especially suitable for contractors in unfinished buildings, temporary offices and for unloading operations at night. Price, 75¢ (Canada, 90¢).



STEM-AND-BURNER

Portable Flare Lamps.

For lighting purposes on indoor or outdoor work, this flare lamp provides an economical light of high candlepower. 10-in. aluminum reflector and burner only, as shown, with arm for attaching to A, B or E Prest-O-Lites. Price, \$15.00 (Canada, \$19.50).



PORTABLE
FLARE LAMP

Where a flood of light is required on outdoor construction work, the Prest-O-Milburn light, a large flare light, supported on a folding tripod, and operated by means of either style WC or WK Prest-O-Lites will be furnished. Details on application.

Prest-O-Milburn "Fire Chief" is a compact, high candlepower light, suitable for any emergency service. May be used with carrier for MC style Prest-O-Lite and swung over arm. Price, with MC Prest-O-Lite, \$25.00 (Canada, \$30.00).

Booklets, Bulletins, etc.

Each of the pieces of apparatus shown has scores of profitable uses, described in special booklets. Write for full details on any contemplated use.

Prest-O-Lite Welding Instruction Book is written in simple language and enables any workman who understands metals to learn welding quickly and easily.

If interested in oxy-acetylene welding and cutting, our series of Special Bulletins showing many applications of this process in various industries will be mailed if you ask. Address, Dept. S.

NOTE—All prices quoted on above apparatus subject to change without notice.